

Converting Colors

Hex(49B6E7)

Have a look what the booklet for
Hex(49B6E7) contains.

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Color

Hex(49B6E7)

Conversions

Conversions Part 1

Format	Color
Hex	49B6E7
RGB	73, 182, 231
RGB Percent	29%, 71%, 91%
CMY	0.7137, 0.2863, 0.0941
CMYK	0.68, 0.21, 0.00, 0.09
HSL	199°, 77%, 60%
HSV	199°, 68%, 91%
XYZ	33.8994, 40.6419, 81.6593
YIQ	154.9950, -80.6930, -7.8690

Conversions

Conversions Part 2

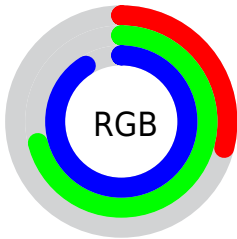
Format	Color
R _Y B	73, 138, 231
Decimal	4830951
CIE Lab	69.92, -15.78, -33.56
CIE LCh	70, 37.088, 244.823
Yxy	40.6419, 0.2170, 0.2602
Android (android.graphics.Color)	4283021031 (0xFF49B6E7)
YUV	154.9950, 37.4705, -71.9096
Hunter-Lab	63.7510, -16.6474, -31.3195

Details

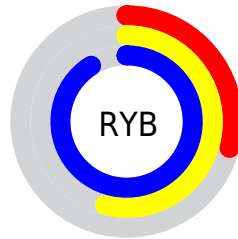
The Hex color **49B6E7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E77A49**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8AEFFF**, and **0081AF** is the 20% darker color. If you saturate the color by 10%, you get **32AFE7**, and if you desaturate by 10%, it is **60BDE7**.

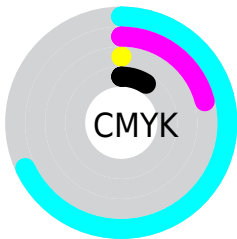
Distribution



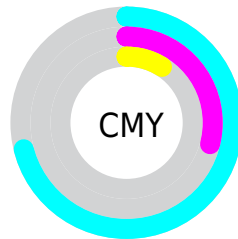
- Red (29%)
- Green (71%)
- Blue (91%)



- Red (29%)
- Yellow (54%)
- Blue (91%)



- Cyan (68%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B6E7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 49B6E7 by changing the saturation by 10% instead.

■ 49B6E7

■ 49B6E7

FFFFFF

■ 1C9BCB

■ 8AEEFF

■ 0081AF

■ A9FFFF

■ 006894

■ C7FFFF

■ 00507A

■ E6FFFF

■ 003961

■ 002449

■ 000433

■ 00021D

■ 000000

■ 49B6E7

■ 49B6E7

■ 32AFE7

■ 60BDE7

■ 1BA8E7

■ 77C4E7

■ 04A1E7

■ 8ECBE7

■ 009FE7

■ A5D3E7

■ BCDAE7

■ D4E1E7

■ EBE8E7

■ FFEFE7

■ FFF6E7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1FBCD0



49B6E7



83ACEE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49B6E7



EB91A7



98B472

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49B6E7



E77A49

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BCAB67



49B6E7



EA9586

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49B6E7



DA95C8



D99F6F



6FBB8D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49B6E7



A6A4E8



D99F6F



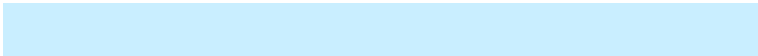
A5B16D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49B6E7



C9EEFF



49E778



607680



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49B6E7



2EBEFF



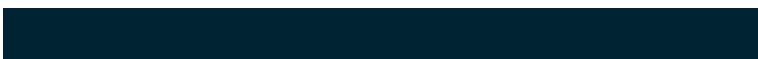
4969E7



676F73



007BB3



002333

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E749B6



FF2EBE



E7C749



73676F



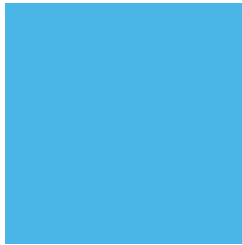
B3007B



330023

Previews

White Background



This preview shows how the Hex color 49B6E7 looks on a white background.

Color Contrast Check

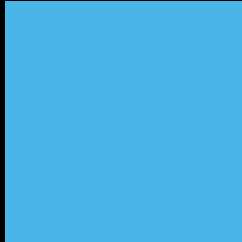
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 49B6E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

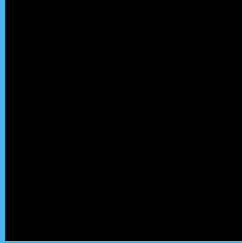
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

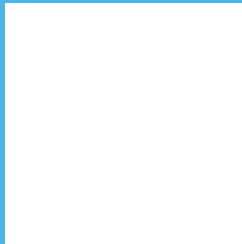
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49B6E7 Background



This preview shows how black text looks on a background with the Hex color 49B6E7.

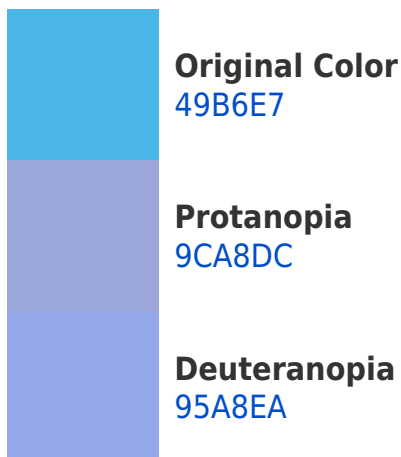


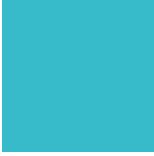
This preview shows how white text looks on a background with the Hex color 49B6E7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

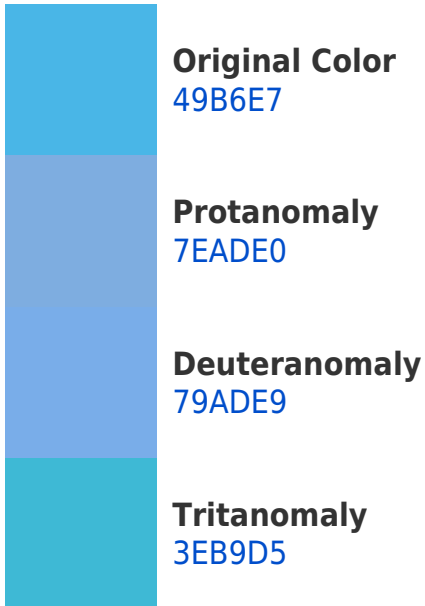
Dichromacy



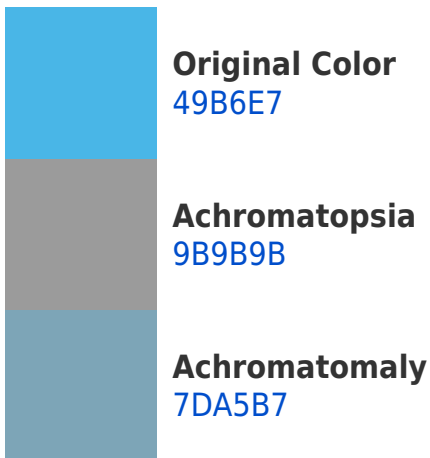


Tritanopia
37BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B6E7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #49B6E7 looks like.

```
.text, #text, p{  
    color:#49B6E7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #49B6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B6E7
}
```

Border

The CSS property to change the border of an element to Hex 49B6E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49B6E7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#49B6E7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #49B6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B6E7; -webkit-box-shadow:4px 4px  
4px 4px #49B6E7; box-shadow:4px 4px 4px  
4px #49B6E7 }
```

Background

The CSS property to change the background color of an element to Hex 49B6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B6E7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#49B6E7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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